

# PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum) 12136.3WOU1

### Box No. I TITLE OF INVENTION

Methods for Reducing Somatic Cell Count in Milk

### Box No. II APPLICANT

☐

This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

IDAHO RESEARCH FOUNDATION, INC.  
Morrill Hall 103 University of Idaho  
Moscow, Idaho 83844-3003  
United States of America

Telephone No.

Facsimile No.

Teleprinter No.

Applicant's Registration No. with Office

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant  
for the purposes of:

☐

all designated  
States

☒

all designated States except  
the United States of America

☐

the United States  
of America only

☐

the States indicated in  
the Supplemental Box

### Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

BOHACH, Gregory I.  
300 Rose Court  
Moscow, Idaho 83844  
United States of America

This person is:

☐

applicant only

☒

applicant and inventor

☐

inventor only (If this check-box is  
marked, do not fill in below.)

Applicant's registration No with Office

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant  
for the purposes of:

☐

all designated  
States

☐

all designated States except  
the United States of America

☒

the United States  
of America only

☐

the States indicated in  
the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.

### Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

☒

agent

☐

common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BRUESS, Steven C.  
Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
United States of America

Telephone No.  
612/ 336-4711

Facsimile No.  
(612) 336-4751

Teleprinter No.

Agent's Registration No. with Office  
34,130

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Box No. V DESIGNATIONS**

The filing of this request constitutes under Rule 4.9(a), the designation of all Contacting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.

However,

- ☐ DE Germany is not designated for any kind of national protection
- ☐ KR Republic of Korea is not designated for any kind of national protection
- ☐ RU Russian Federation is not designated for any kind of national protection

*(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which the priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain of States.)*

**Box No. VI PRIORITY CLAIM**

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 08 January 2004 08.01.2004	60/535,454	US		
item (2)				
item (3)				

- ☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

- ☒ all items      ☐ item (1)      ☐ item (2)      ☐ item (3)      ☐ other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)).

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY****Choice of International Searching Authority (ISA)**

*(If two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):*

ISA / EP

**Request to use results of earlier search; reference to that search** (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year):      Number:      Country (or regional Office):

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark applicable check-boxes below and indicate in the right column the number of each type of declaration):

		Number of declarations
<input type="checkbox"/> Box No. VIII (i)	Declaration as to identity of the inventor	:
<input type="checkbox"/> Box No. VIII (ii)	Declaration as to the applicant's entitlement, as to the international filing date, to apply	:
<input type="checkbox"/> Box No. VIII (iii)	Declaration as to the applicant's entitlement, as to the international filing date, to claim	:
<input type="checkbox"/> Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designations of the United States of America)	:
<input type="checkbox"/> Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	:

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

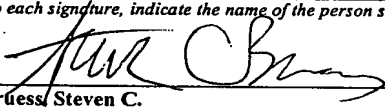
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the item(s) marked below:	Number of items
request (including declaration sheets : 3	1. <input checked="" type="checkbox"/> fee calculation sheet	1
description (excluding	2. <input type="checkbox"/> original separate power of attorney	0
sequence listing and/or tables related thereto) : 16	3. <input type="checkbox"/> original general power of attorney	0
claims : <del>2</del> 2	4. <input type="checkbox"/> copy of general power of attorney; reference number, if any:	0
abstract : 1	5. <input type="checkbox"/> statement explaining lack of signature	
drawings : 1	6. <input type="checkbox"/> priority document(s) identified in Box No VI as item(s):	
Sub-total number of sheets : <del>24</del> 23	7. <input type="checkbox"/> translation of international application into (language):	
sequence listing :	8. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material	
tables related thereto :	9. <input type="checkbox"/> sequence listing in computer readable form (indicate type and number of carriers)	
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	
<b>Total number of sheets : 2423</b>	(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column	
(i) <input type="checkbox"/> sequence listing	10. <input type="checkbox"/> tables in computer readable form related to sequence listing (indicate type and number of carriers)	
(ii) <input type="checkbox"/> tables related thereto	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)	
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))	(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	
(i) <input type="checkbox"/> sequence listing	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column	
(ii) <input type="checkbox"/> tables related thereto	11. <input checked="" type="checkbox"/> Other (specify): Gen. Transmittal (in dupl) Check in the amount of \$3374. Return Postcard.	
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the		
<input type="checkbox"/> sequence listing:		
<input type="checkbox"/> tables related thereto:		
(additional copies to be indicated under items 9(ii) and /or 10(ii), in right column)		

Figure of the drawings which should accompany the abstract: 0

Language of filing of the international application: English

**Box No. X SIGNATURE OF APPLICANT OR AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

By   
Brüess, Steven C.**For receiving Office use only**

1. Date of actual receipt of the purported international application:	2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA/	
6. Transmittal of search copy delayed until search fee is paid	

**For International Bureau use only**

Date of receipt of the record copy by the International Bureau:

**PCT****FEE CALCULATION SHEET**  
Annex to the Request

For receiving Office use only

International application No.

Applicant's or agent's  
file reference 12136.0003WOU1

Date stamp of the receiving Office

Applicant  
IDAHO RESEARCH FOUNDATION, INC.  
CALCULATION OF PRESCRIBED FEES

## 1. TRANSMITTAL FEE

300 T

## 2. SEARCH FEE

1920 S

International search to be carried out by EP  
(If two or more International Searching Authorities are competent in relation to the international application, indicate the name of the Authority which is chosen to carry out the international search.)

## 3. INTERNATIONAL FILING FEE

Where items (b) and/or (c) of Box No. IX apply, enter Sub-total number of sheets }  
Where items (b) and/or (c) of Box No. IX do not apply, enter Total number of sheets } 24

i1 first 30 sheets ..... 1134 i1

i2 0 x 12 = 0 i2

number of sheets  
in excess of 30i3 additional component (only if sequence listing and/or tables related  
thereto are filed in computer readable form under Section 801(a)(i),  
or both in that form and on paper, under Section 801(a)(ii):400 x 0 = 0 i3  
fee per sheetAdd amounts entered at i1, i2 and i3 and enter total at I ..... 1134 I  
(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the international filing fee.)

## 4. FEE FOR PRIORITY DOCUMENT ..... 20 P

## 5. TOTAL FEES PAYABLE ..... 3374

Add amounts entered at T, S, I and P,  
and enter total in the TOTAL box ..... TOTAL

## MODE OF PAYMENT

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> authorization to charge<br>deposit account (see below) | <input type="checkbox"/> bank draft     | <input type="checkbox"/> coupons         |
| <input checked="" type="checkbox"/> cheque                                      | <input type="checkbox"/> cash           | <input type="checkbox"/> other (specify) |
| <input type="checkbox"/> postal money order                                     | <input type="checkbox"/> revenue stamps |  |

## DEPOSIT ACCOUNT AUTHORIZATION (this mode of payment may not be available at all receiving Offices)

- ☐ Authorization to charge the total fees indicated above.
- ☒ (This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit.) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.
- ☐ Authorization to charge the fee for priority document.

Receiving Office: RO/US

Deposit Account Number: 13-2725

Date: 07.01.2005

Name: Steven, C. Bruess

Signature:

